Technical Electives - 7 units

Take seven units from the approved list below that satisfy the following requirements:

- Two units must be 300-level BME courses with 100% engineering topics
- Three total units must be 100% engineering topics (the two above courses plus one more).
  It is fine to combine two partial-unit 100% eng courses (ex: DSGN 240 and 321)
- Only one unit may be a graded, independent research course.
  BMD_ENG 390-3 may only be taken by permission and cannot count as one of the 300-level BME courses with 100% engineering topics.

Approved courses include the following. Other courses (including BME 400-level engineering courses) may be acceptable. Please submit a curriculum petition if you wish to have a course that is not on this list considered. Submit it prior to taking the course.

**Science Courses**
- BIOL_SCI 202
- BIOL_SCI 301
- CHEM 215-1 (if not used as a core course)
- CHEM 215-2
- CHEM 215-3
- PHYSICS 135-3 (if not used as a core course)
- PHYSICS 357
- All Bio, Physics, and Chemistry labs

**200-level engineering courses**
- BMD_ENG 250
- BMD_ENG 271
- DSGN 240 (0.5 unit)
- DSGN 321 (0.5 unit)
- COMP_SCI 211
- COMP_SCI 214
- COMP_SCI 217
- MAT_SCI 201

**Independent study courses**
- BMD_ENG 390-3
- BMD_ENG 499

**300-level BME courses with 100% engineering topics**
- BMD_ENG 311
- BMD_ENG 312
- BMD_ENG 313
- BMD_ENG 317 ♦
- BMD_ENG 325 △
- BMD_ENG 327 △
- BMD_ENG 333
- BMD_ENG 340 ♦♡
- BMD_ENG 343 ♡
- BMD_ENG 344 ♡
- BMD_ENG 346 ♡
- BMD_ENG 347
- BMD_ENG 348
- BMD_ENG 353
- BMD_ENG 354
- BMD_ENG 365
- BMD_ENG 366
- BMD_ENG 371
- BMD_ENG 377
- BMD_ENG 380
- BMD_ENG 388-SA

**300-level engineering courses**
- BMD_ENG 389-SA (not 100% eng)
- CHEM_ENG 361
- CHEM_ENG 376
- CHEM_ENG 379

**CIV_ENV 327**
- COMP_SCI 339
- COMP_SCI 349
- DSGN 360
- ELEC_ENG 332
- ELEC_ENG 335
- ELEC_ENG 360
- ELEC_ENG 379
- ELEC_ENG 382
- ES_APPM 370 (not 100% eng)
- IEMS 385
- MAT_SCI 318
- MAT_SCI 360
- MECH_ENG 301
- MECH_ENG 314
- MECH_ENG 315
- MECH_ENG 333
- MECH_ENG 362
- MECH_ENG 382
- MECH_ENG 390

♡ Bio 202 is a pre-req or co-req
♢ Chem 215-1 is a prereq
△ Phys 135-3 is a prereq

All courses in italics are 100% engineering